

Converting Colors

YUV(56.4980, 14.5445,
-45.1637)

Have a look what the booklet for
YUV(56.4980, 14.5445, -45.1637)
contains.

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Color

**YUV(56.4980, 14.5445,
-45.1637)**

Conversions

Conversions Part 1

Format	Color
Hex	054D56
RGB	5, 77, 86
RGB Percent	2%, 30%, 34%
CMY	0.9804, 0.6980, 0.6627
CMYK	0.94, 0.10, 0.00, 0.66
HSL	187°, 89%, 18%
HSV	187°, 94%, 34%
XYZ	4.3962, 6.0119, 9.7328
YIQ	56.4980, -45.8010, -12.4650

Conversions

Conversions Part 2

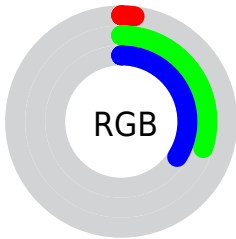
Format	Color
RYB	5, 43, 86
Decimal	347478
CIELab	29.44, -16.39, -11.08
CIELCh	29, 19.784, 214.044
Yxy	6.0119, 0.2183, 0.2985
Android (android.graphics.Color)	4278537558 (0xFF054D56)
YUV	56.4980, 14.5445, -45.1637
Hunter-Lab	24.5192, -10.9043, -6.3715

Details

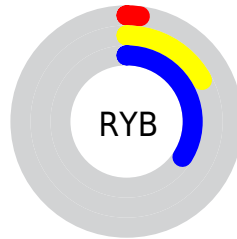
The YUV color **56.4980, 14.5445, -45.1637** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **34.5020, -14.5445, 45.1637**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.7980, 12.9176, -36.6568**, and **24.0450, 8.3588, -21.0875** is the 20% darker color. If you saturate the color by 10%, you get **54.4160, 15.5709, -47.7228**, and if you desaturate by 10%, it is **59.7760, 12.9284, -40.1456**.

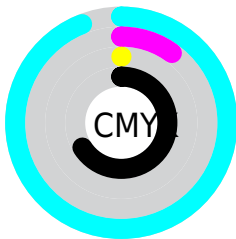
Distribution



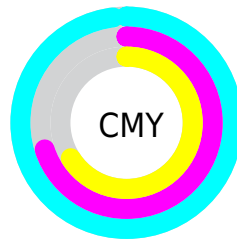
- Red (2%)
- Green (30%)
- Blue (34%)



- Red (2%)
- Yellow (17%)
- Blue (34%)



- Cyan (94%)
- Magenta (10%)
- Yellow (0%)
- Black (66%)



- Cyan (98%)
- Magenta (70%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.4980, 14.5445, -45.1637 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 56.4980, 14.5445, -45.1637 by changing the saturation by 10% instead.

■ 56.4980, 14.5445,
-45.1637

■ 56.4980, 14.5445,
-45.1637

■ 255.0000, 0.0000,
0.0000

■ 38.8800, 11.8912,
-34.0978

■ 109.7980, 12.9176,
-36.6568

■ 24.0450, 8.3588,
-21.0875

■ 135.7980, 12.9176,
-36.6568

■ 2.9810, 8.8834,
-2.6143

■ 162.7980, 12.9176,
-36.6568

■ 0.0000, 0.0000,
0.0000

■ 190.4990, 13.0650,
-37.2716

■ 218.2000, 13.2124,
-37.8864

■ 239.7510, 7.5178,

-31.3536

■ 248.1230, 3.3904,
-14.1399

■ 56.4980, 14.5445,
-45.1637

■ 56.4980, 14.5445,
-45.1637

■ 54.4160, 15.5709,
-47.7228

■ 59.7760, 12.9284,
-40.1456

■ 62.7550, 11.4598,
-35.7421

■ 66.0330, 9.8437,
-30.7239

■ 69.0120, 8.3751,
-26.3205

■ 72.2900, 6.7590,
-21.3023

■ 75.5680, 5.1430,
-16.2841

■ 78.5470, 3.6743,
-11.8807

■ 81.8250, 2.0583,
-6.8625

■ 84.8040, 0.5896,
-2.4591

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.4580, 5.1972, -33.7277



56.4980, 14.5445, -45.1637



62.2590, 17.1273, -33.5531

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.4980, 14.5445, -45.1637



71.5920, 5.6241, 16.1438



67.8580, -14.7200, 8.0175

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56.4980, 14.5445, -45.1637



34.5020, -14.5445, 45.1637

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.2660, -13.4421, 18.1837



56.4980, 14.5445, -45.1637



70.8120, -1.3863, 24.7209

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.4980, 14.5445, -45.1637



71.1110, 11.7773, 2.5337



69.9770, -8.3697, 24.5762



66.5790, -11.6244, -4.8928

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.4980, 14.5445, -45.1637



66.2220, 16.6526, -21.2427



69.9770, -8.3697, 24.5762



68.2930, -14.4414, 12.0210

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56.4980, 14.5445, -45.1637



100.9700, 5.4378, -17.5137



53.4590, -19.9463, -42.4985



49.1450, 3.3795, -10.6512



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.4980, 14.5445, -45.1637



71.4680, 19.9823, -62.6774



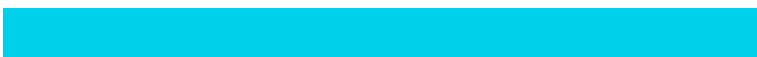
33.0180, 26.1201, -24.5718



41.8040, 0.5896, -2.4591



67.9630, 19.2452, -59.6036



149.4730, 42.1648, -131.0878

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



37.4270, 19.5095, 42.5985



44.8880, 27.1702, 58.8572



57.9820, -26.1201, 24.5718



40.6520, 1.1576, 2.0592



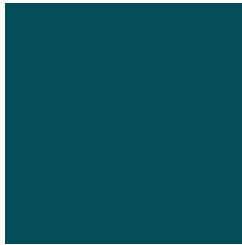
42.8230, 25.7233, 56.2832



94.0910, 56.6501, 123.5772

Previews

White Background



This preview shows how the YUV color 56.4980, 14.5445, -45.1637 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 56.4980, 14.5445, -45.1637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

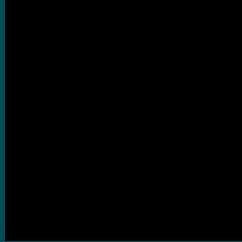
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 56.4980, 14.5445, -45.1637

Background



This preview shows how black text looks on a background with the YUV color 56.4980, 14.5445, -45.1637.



This preview shows how white text looks on a background with the YUV color 56.4980, 14.5445,

-45.1637.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56.4980, 14.5445, -45.1637

Protanopia

69.7700, 5.5364, -2.4293

Deuteranopia

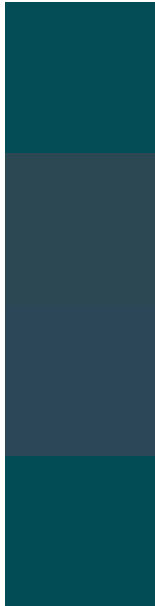
69.9810, 8.8834, -2.6143



Tritanopia

54.7750, 14.4079, -48.0377

Trichromacy



Original Color

56.4980, 14.5445, -45.1637

Protanomaly

64.8820, 8.9322, -18.3135

Deuteranomaly

64.7510, 10.9688, -18.1986

Tritanomaly

55.4870, 14.5499, -46.9081

Monochromacy



Original Color

56.4980, 14.5445, -45.1637

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.2690, 5.2904, -16.8989

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.4980, 14.5445, -45.1637 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(5, 77, 86)` looks like.

```
.text, #text, p{  
    color:rgb(5, 77, 86)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(5, 77, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 77, 86) }
```

Border

The CSS property to change the border of an element to YUV 56.4980, 14.5445, -45.1637 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(5, 77, 86) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(5, 77, 86) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(5, 77, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 77, 86); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 77, 86); box-shadow:4px  
4px 4px 4px rgb(5, 77, 86) }
```

Background

The CSS property to change the background color of an element to YUV 56.4980, 14.5445, -45.1637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 77, 86) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(5, 77,  
86) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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